



# Coursera - AWS Elastic Beanstalk:Deploy a Python(Flask) Web Application

Generated on December 17, 2023

## Summary

## Notes

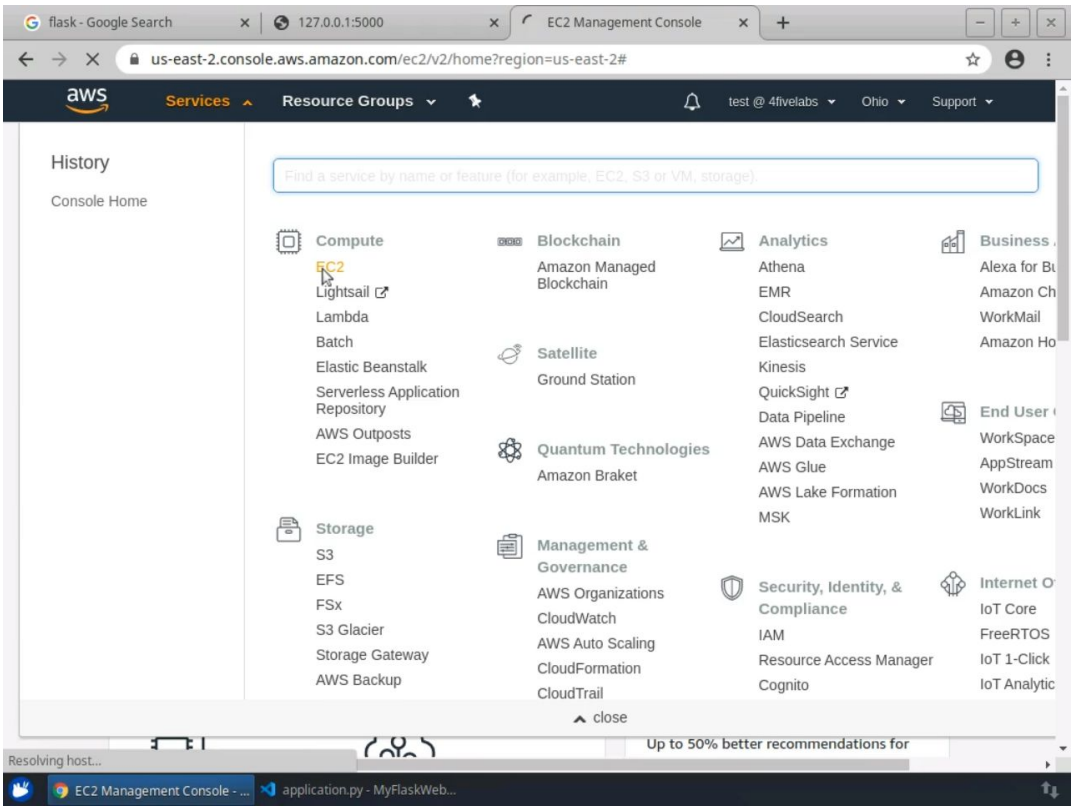
## Screenshots

## Bookmarks

**5**

 15

Д 0



▶ 1:13

here you can see that running instance is zero

▶ 1:19

flask - Google Search | 127.0.0.1:5000 | Dashboard | EC2 Management | +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home:

aws Services Resource Groups test @ 4five1abs Ohio Support

New EC2 Experience Tell us what you think

EC2 Dashboard New

Events New

Tags

Limits

Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Welcome to the new EC2 console! We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know where we can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle.

Resources

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Running Instances	0	Elastic IPs	0
Dedicated Hosts	0	Snapshots	0
Volumes	0	Load balancers	0
Key pairs	0	Security groups	1
Placement groups	0		

Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#)

https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home: © 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Dashboard | EC2 Management... application.py - MyFlaskWeb...

▶ 1:19

lets goo over to elastic beanstalk

▶ 1:25

flask - Google Search | 127.0.0.1:5000 | Dashboard | EC2 Management | +

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home:

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History

EC2

Console Home

Find a service by name or feature (for example, EC2, S3 or VM, storage).

Compute	Blockchain	Analytics	Business Ap
EC2	Amazon Managed Blockchain	Athena	Alexa for Busi
Lightsail		EMR	Amazon Chim
Lambda		CloudSearch	WorkMail
Batch	Satellite	Elasticsearch Service	Amazon Hone
Elastic Beanstalk	Ground Station	Kinesis	
Serverless Application Repository		QuickSight	
AWS Outposts	Quantum Technologies	Data Pipeline	End User Cc
EC2 Image Builder	Amazon Braket	AWS Data Exchange	WorkSpaces
		AWS Glue	AppStream 2.
		AWS Lake Formation	WorkDocs
		MSK	WorkLink
Storage	Management & Governance	Security, Identity, & Compliance	Internet Of T
S3	AWS Organizations	IAM	IoT Core
EFS	CloudWatch	Resource Access Manager	FreeRTOS
FSx	AWS Auto Scaling	Cognito	IoT 1-Click
S3 Glacier	CloudFormation		IoT Analytics
Storage Gateway	CloudTrail		
AWS Backup			

close

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Dashboard | EC2 Management... application.py - MyFlaskWeb...

▶ 1:30

The screenshot shows the AWS Elastic Beanstalk console in the us-east-2 region. The main heading is "AWS Elastic Beanstalk End-to-end web application management." Below this, there is a "Get started" section with a "Create Application" button. A "Pricing" section states: "There's no additional charge for Elastic Beanstalk. You pay for AWS resources that". The left sidebar contains "Environments" and "Applications". The bottom navigation bar includes "Feedback", "English (US)", and copyright information.

▶ 1:42

The screenshot shows the "Create a web app" page in the AWS Elastic Beanstalk console. The page title is "Create a web app". Below the title, there is a section for "Application information" with a text input field for "Application name" containing "myFlaskWebApp". Below this, there is a section for "Application tags" with a table for adding tags. The table has columns for "Key" and "Value". The bottom navigation bar is the same as the previous screenshot.

2:02

flask - Google Search x 127.0.0.1:5000 x Elastic Beanstalk Management x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/gettingStarted

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**Elastic Beanstalk** x

Environments  
Applications

**Platform**

Platform  
Python ▼

Platform branch  
Python 3.7 running on 64bit Amazon Linux 2 ▼

Platform version  
3.1.1 (Recommended) ▼

**Application code**

☒ **Sample application**  
Get started right away with sample code.

☐ **Upload your code**  
Upload a source bundle from your computer or copy one from Amazon S3.

Cancel Configure more options **Create application**

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Elastic Beanstalk Managemen... application.py - MyFlaskWeb...

2:34

flask - Google Search x 127.0.0.1:5000 x Elastic Beanstalk Management x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/gettingStarted

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**Elastic Beanstalk** x

Environments  
Applications

**Platform**

Platform  
Python ▼

Platform branch  
Python 3.7 running on 64bit Amazon Linux 2 ▼

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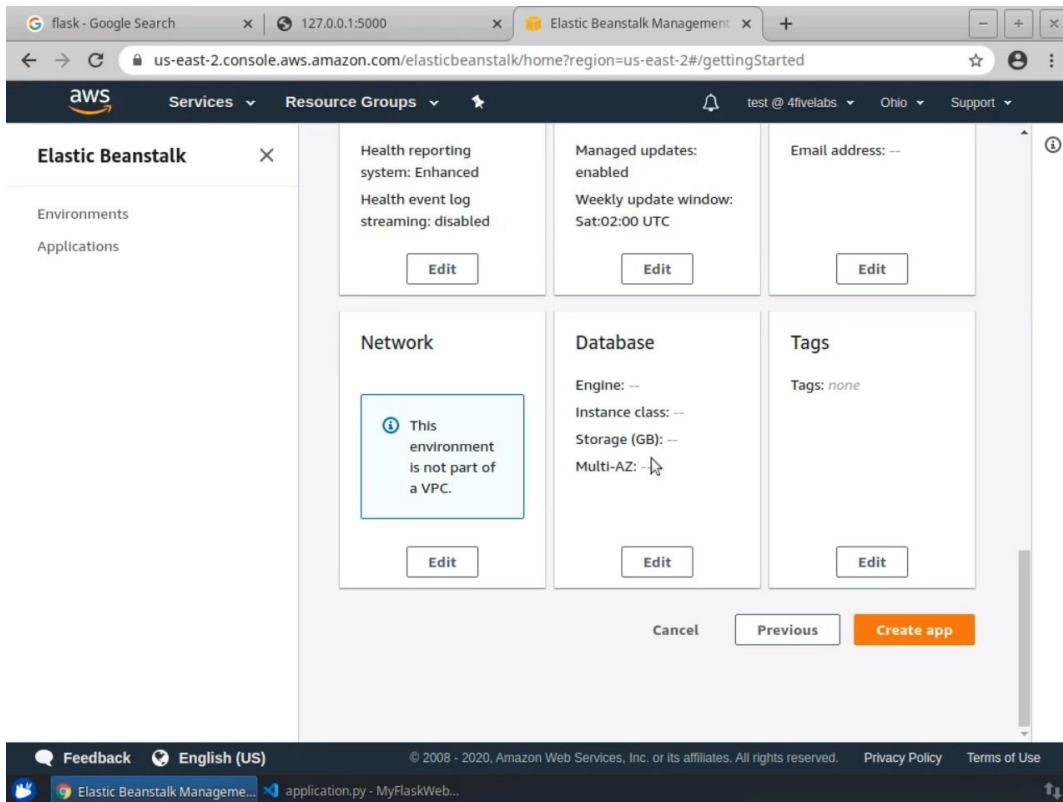
Elastic Beanstalk Managemen... application.py - MyFlaskWeb...

▶ 2:49

if you want to configure more like attaching load-balancer or other things

click on configure more options

▶ 2:56



▶ 3:17

these are the options in configuration:

▶ 3:20

flask - Google Search | 127.0.0.1:5000 | Elastic Beanstalk Management | +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/gettingStarted

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### Elastic Beanstalk

Environments Applications

Platform

Python

Platform branch

Python 3.7 running on 64bit Amazon Linux 2

Platform version

3.1.1 (Recommended)

### Application code

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Cancel Configure more options Create application

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Elastic Beanstalk Manage... application.py - MyFlaskWeb...

▶ 3:27

flask - Google Search | 127.0.0.1:5000 | Create environment | +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/launchEnvironment?applicationN...

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### Elastic Beanstalk

Environments Applications

myFlaskWebApp

Application versions

Saved configurations

Myflaskwebapp-env

Elastic Beanstalk > Environments > Myflaskwebapp-env

**Creating Myflaskwebapp-env**  
This will take a few minutes. ..

11:00pm Using elasticbeanstalk-us-east-2-789797356949 as Amazon S3 storage bucket for environment data.

11:00pm createEnvironment is starting.

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Create environment - Googl... application.py - MyFlaskWeb...

▶ 3:38



flask - Google Search x 127.0.0.1:5000 x Myflaskwebapp-env - Dashboa x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applicati...

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### Elastic Beanstalk

- Environments
- Applications
- myFlaskWebApp
  - Application versions
  - Saved configurations
- Myflaskwebapp-env**
  - Go to environment
  - Configuration
  - Logs
  - Health
  - Monitoring
  - Alarms
  - Managed updates
  - Events


#### Myflaskwebapp-env

Myflaskwebapp-env.eba-sabasaga.us-east-2.elasticbeanstalk.com (e-7lkg13ar5d)  
Application name: myFlaskWebApp

Refresh Actions

**Health**  
  
Ok  
Causes

**Running version**  
Sample Application  
Upload and deploy

**Platform**  
  
Python 3.7 running on 64bit Amazon Linux 2/3.1.1  
Change

#### Recent events

Show all

< 1 2 3 4 5 >

Time	Type	Details
------	------	---------

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Myflaskwebapp-env - Dashb... application.py - MyFlaskWeb...

▶ 4:10

flask - Google Search x 127.0.0.1:5000 x Elastic Beanstalk Environments x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environments

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### Elastic Beanstalk

- Environments**
- Applications
- Recent environments
  - Myflaskwebapp-env

#### All environments

Actions Create a new environment

Filter results matching the display values

< 1 >

Environment name	Health	Application name	Date created	Last modified
Myflaskwebapp-env	Ok	myFlaskWebApp	2020-09-17 23:00:51 UTC+0000	2020-09-17 23:04:00 UTC+0000

https://us-east-2.console.aws.amazon.com/elasticbeanst... © 2008 - 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

Elastic Beanstalk Environme... application.py - MyFlaskWeb...

▶ 4:18

flask - Google Search x 127.0.0.1:5000 x Elastic Beanstalk Environments x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environments

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### Elastic Beanstalk

Environments

Applications

Recent environments

- Myflaskwebapp-env

## All environments

Filter results matching the display values

1

Environment name	Health	Application name	Date created	Last modified
<a href="#">Myflaskwebapp-env</a>	OK	myFlaskWebApp	2020-09-17 23:00:51 UTC+0000	2020-09-17 23:04:00 UTC+0000

https://us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applicationName=myFlaskWebApp&environmentId=e-7ikgi3ar5d

Elastic Beanstalk Environme... application.py - MyFlaskWeb...

4:22

flask - Google Search x 127.0.0.1:5000 x Myflaskwebapp-env - Dashboard x +

us-east-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-2#/environment/dashboard?applicationName=myFlaskWebApp&environmentId=e-7ikgi3ar5d

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### Elastic Beanstalk

Environments

Applications

myFlaskWebApp

- Application versions
- Saved configurations

**Myflaskwebapp-env**

- Go to environment
- Configuration
- Logs
- Health
- Monitoring
- Alarms
- Managed updates
- Events

## Myflaskwebapp-env

Myflaskwebapp-env-eb3-sabasa90e.us-east-2.elasticbeanstalk.com (e-7ikgi3ar5d)

Application name: myFlaskWebApp

Refresh Actions

Health

Ok

Causes

Running version

Sample Application

Upload and deploy

Platform

Python 3.7 running on 64bit Amazon Linux 2/3.1.1

Change

Recent events

Show all

1

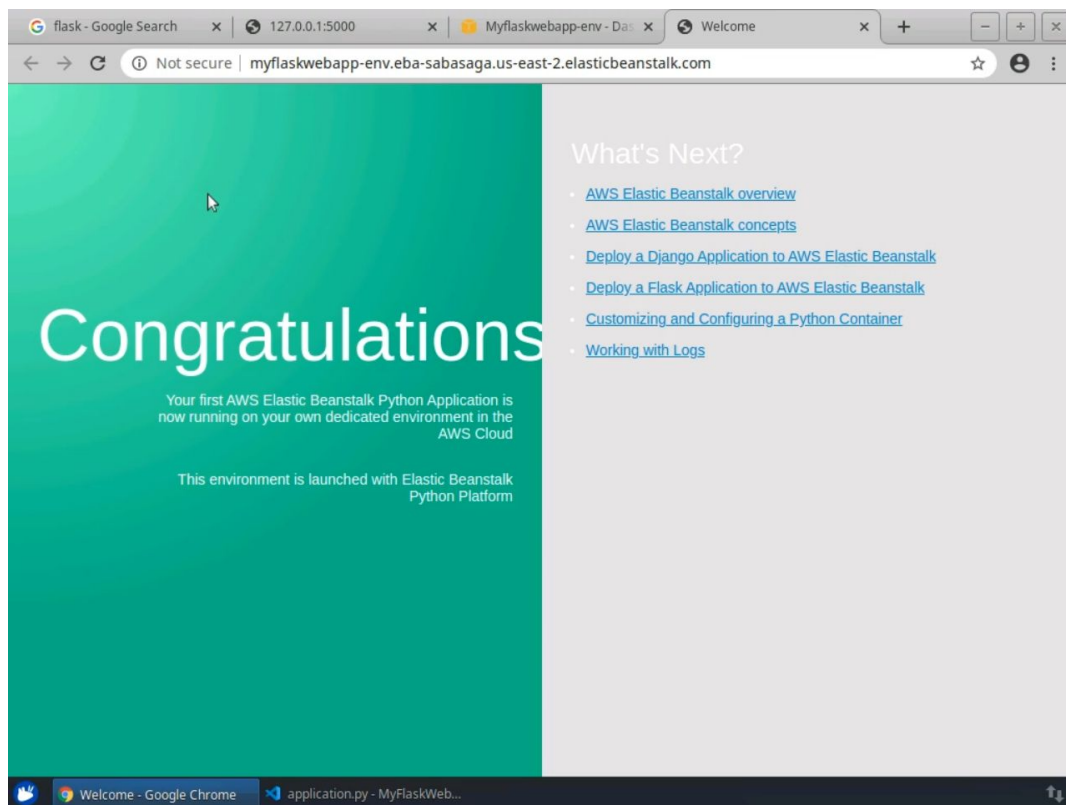
Time Type Details

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Myflaskwebapp-env - Dashb... application.py - MyFlaskWeb...

4:50





▶ 5:00

elastic beanstalk create an ec2-instance

▶ 5:26